

# Pease ANGB Wastewater Collection System

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### PEASE ANGB WASTEWATER COLLECTION SYSTEM

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# J6 Pease ANGB Wastewater Collection System

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## J6.1 Pease ANGB Overview

Pease ANGB is located in the state of New Hampshire, 55 miles north of Boston and three miles south of Kittery, Maine and is host to the 157<sup>th</sup> Air Refueling Wing. The installation is approximately 220 acres in size and currently includes 40 facilities. The current base population is 380 people with a once a month surge of up to 950 personnel.

## J6.2 Wastewater Collection System Description

### J6.2.1 Wastewater Collection System Fixed Equipment Inventory

The Pease ANGB Wastewater Collection System consists of all appurtenances physically connected to the collection system from the point of demarcation defined by the Right of Way. The system may include, but is not limited to, pipelines, manholes, lift stations, valves, controls, treatment plants, and meters. The actual inventory of items sold will be in the bill of sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the Wastewater Collection System privatization are:

- Oil Water Separators
- Grease Traps
- Septic tanks and leach fields

#### J6.2.1.1 Description

The Pease ANGB wastewater collection system dates consists of approximately 13,600 LF of pipe including approximately 3,300 LF of PVC pipe, approximately 300 LF of cast iron pipe, and approximately 10,000 LF of vitrified clay pipe. Pipe sizes range from 2 inches to 10 inches with pipe depths ranging from 3 to 14 feet deep. The collection system includes two small pre-packaged lift stations that feed into forced mains and utilize 15 hp grinder pumps each. There are 48 manholes of which 44 are brick and four are pre-cast concrete. The installation dates of the system components range from 1956 to 1992.

The system leaves the installation at three points of demarcation:

1. 8 inch vitrified clay pipe approximately 650 feet north along Arboretum Drive from Bldg 155

2. 10 inch vitrified clay pipe exiting at the southwest corner of the intersection of Arboretum Drive and Pease Blvd
3. 8 inch vitrified clay pipe exiting the ANG property on Pease Blvd. at the northeast corner of Bldg. 16

### **J6.2.1.2 Inventory**

**Table 1** provides a general listing of the major Wastewater Collection System fixed assets for the Pease ANGB Wastewater Collection System included in the sale.

**TABLE 1**  
Fixed Inventory  
Wastewater Utility System Pease ANGB

<b>Item</b>	<b>Size (in.)</b>	<b>Quantity</b>	<b>Unit</b>	<b>Approximate Year of Construction</b>
<b>PVC Pipe</b>	2 (forced main)	566	LF	1990
	4 (forced main)	308	LF	1990
	6	150	LF	1990
	8	1122	LF	1986
	8	1182	LF	1990
<b>Cast Iron Pipe</b>	6	263	LF	1988
<b>Vitrified Clay Pipe</b>	6	2189	LF	1956
	8	5031	LF	1956
	8	233	LF	1984
	8	342	LF	1956
	10	2194	LF	1956
<b>Standard Sanitary Sewer Manhole Brick</b>	6 ft deep	12	EA	1956
	6 ft deep	3	EA	1986
	8 ft deep	10	EA	1956
	8 ft deep	4	EA	1986
	10 ft deep	6	EA	1956
	10 ft deep	1	EA	1986
	12 ft deep	5	EA	1956
	14 ft deep	3	EA	1956
<b>Standard Sanitary Sewer Manhole Pre-Cast</b>	6 ft deep	2	EA	1990
	8 ft deep	2	EA	1990
<b>Wastewater Lift/Pump Station</b>	2 in (forced main)	1	EA	1990
	4 in (forced main)	1	EA	1990

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
<b>Pumps</b>	15 hp	2	EA	1990

Notes:

PVC = Polyvinyl Chloride

LF = Linear Feet

EA = Each

## J6.2.2 Wastewater Collection System Non-Fixed Equipment and Specialized Tools

**Table 2** lists other ancillary equipment (spare parts) and **Table 3** lists specialized vehicles and tools included in the purchase. Offerors shall field verify all equipment, vehicles, and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

**TABLE 2**

Spare Parts

Wastewater Collection System Pease ANGB

Qty	Item	Make/Model	Description	Remarks
None				

**TABLE 3**

Specialized Vehicles and Tools

Wastewater Collection System Pease ANGB

Description	Quantity	Location	Maker
None			

## J6.2.3 Wastewater Collection System Manuals, Drawings, and Records

**Table 4** lists the manuals, drawings, and records that will be transferred with the system.

**TABLE 4**

Manuals, Drawings, and Records

Wastewater Collection System Pease ANGB

Qty	Item	Description	Remarks
	Drawings	Standard utility base maps, Autocadd 14	

## J6.3 Specific Service Requirements

The service requirements for the Pease ANGB Wastewater Collection System are as defined in the Section C, *Description/Specifications/Work Statement*.

## **J6.4 Current Service Arrangement**

Wastewater is collected by the City of Portsmouth. Monthly billing records indicate a wastewater amount of approximately 1200 cubic feet (9,000 gallons) per day. Daily amounts vary based on population surge.

## **J6.5 Secondary Metering**

None

## **J6.6 Monthly Submittals**

The Contractor shall provide the Government monthly submittals for the following:

1. Invoice (IAW G.2). The Contractor's monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25<sup>th</sup> of each month for the previous month. Invoices shall be submitted to the person identified at time of contract award.
2. Outage Report. The Contractor's monthly outage report (blockage and overflow information) will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall be submitted by the 25<sup>th</sup> of each month for the previous month. Outage reports shall be submitted to the person identified at time of contract award.
3. Infiltration and Inflow Report. If required by Paragraph C.3, the Contractor shall submit an Infiltration and Inflow report in a format proposed by the Contractor and accepted by the Contracting Officer. System efficiency reports shall be submitted by the 25<sup>th</sup> of each month for the previous month. System efficiency reports shall be submitted to the person identified at time of contract award.

## **J6.7 Infiltration and Inflow (I&I) Projects**

None

## **J6.8 Service Area**

IAW Paragraph C.4, Service Area, the service area is defined as all areas within the Pease ANGB boundaries.

## **J6.9 Off-Installation Sites**

No off-installation sites are included in the sale of the Pease ANGB Wastewater Collection System.

## **J6.10 Specific Transition Requirements**

IAW Paragraph C.13, Transition Plan, **Table 5** provides a listing of service connections and disconnections required upon transfer.

**TABLE 5**  
Service Connections and Disconnections  
Wastewater Collection System Pease ANGB

Location	Description
None	

## J6.11 Government Recognized System Deficiencies

**Table 6** provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Pease ANGB Wastewater Collection System. If the utility system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewal and Replacement Plan process and will be recovered through Schedule L-3. Renewal and Replacement projects will be recovered through Sub-CLIN AB.

**TABLE 6**  
System Deficiencies  
Wastewater Collection System Pease ANGB

Project Location	Project Description
None	